

Pathways in Technology Early College High Schools (P-TECH)

Student Pathways



OVERVIEW

- P-TECH is an innovative partnership between a school district, a community college(s), and one or more local high growth industry employer(s).
- Students begin in ninth grade and continue for up to six years (i.e. high school and two equivalent years of college).
- Students graduate with both a high school diploma and an industry-recognized associate degree, in addition to gaining relevant workplace skills.
- Students receive intensive student support services, mentoring, job shadowing, internships, pre-apprenticeships, and other workplace educational experiences.
- P-TECH is open to all students, with a special focus on encouraging enrollment of students who are socio-economically and racially diverse, the first to attend college in their family, English language learners, and students with disabilities.

APPROVED SCHOOL INFORMATION

Falcon Tech - St. Vrain Valley School District

First year of operation: 2016-17

Institution of Higher Education Partner: Front Range Community College

Business Partner: IBM

Degree/Pathway: Associates of Applied Science (AAS)-Computer Information Systems (CIS)

Power TEC - James Irwin Charter Schools

First year of operation: 2016-17

Higher Ed Partner: Pikes Peak Community College

Business Partner: Bal Seal Engineering; JPM Prototype; Allegion; Woodford

Manufacturing

Degree/Pathway: AAS: Machining Tech; Architect Engineer/Construction

Management; Heating Air Conditioning & Refrigeration Tech; Computer Aided

Drafting; Electronics Tech; Welding

EC@N-STEM - Adams 12

First year of operation: 2016-17

Higher Ed Partner: Front Range Community College

Business Partner: CenturyLink

Degree/Pathway: Associates of Applied Science (CIS Programming & CIS Networking) & CIS Certificates

Legislation

Gov. John Hickenlooper signed the Pathways in Technology Early College High Schools (P-TECH) bill into law (HB 15-1270) in 2015. P-TECH is intended to create a public-private partnership to prepare Colorado students for high-skill jobs of the future.

Approved P-TECH Schools as of January 2018:

Falcon TECH/Skyline High School
(St. Vrain Valley School District)
Approved 12/11/15

Power Technical Early College
(James Irwin Charter School)
Approved 12/17/15

EC@N-STEM/Northglenn High School
(Adams 12 School District)
Approved 2/1/16

Cañon City High School
(Cañon City RE-1)
Approved 3/26/2018

STEM School Highlands Ranch
(Douglas County School District)
Approved 3/26/18



Cañon City High School

First year of operation: 2019-20

Higher Ed Partner: Pueblo Community College – Fremont Campus

Business Partner: TechSTART

Degree/Pathway: Associates of Applied Science Computer Information Systems. Certificates: Forensic Computing; Microsoft Office Applications; Networking; Programming; Security. Exploring degrees in Engineering, Medical Sciences, and CTE

STEM School Highlands Ranch

First year of operation: 2019-20

Higher Ed Partner: Arapahoe Community College

Business Partner: Panther Industries, Inc.

Degree/Pathway: Associates of Applied Science Cyber Security & Advanced Manufacturing. Certificates: Cyber Defense; Electronics Assembly; Robotics

STUDENT ENROLLMENT DATA (School year 2017-18)

Total student enrollment in all schools: 199

Student Enrollment by Grade/Year Level/First Generation College Student

	Power TEC - James Irwin Charter Schools	Falcon Tech - SVVSD	EC@N-STEM - Adams 12
Total Enrollment all grades/years	45/8	101/72	53/44
9th Grade	29/6	55/37	28/21
10th Grade	10/2	46/35	25/23
11th Grade	6/0		
12th Grade			
5th Year			
6th Year			

Student credit accumulation toward meeting established graduation goal

Credit Accumulation (all schools)	# of students/% of total
Adequate (expected to graduate on schedule)	126/63%
Excess (expected to graduate ahead of schedule)	48/24%
Behind (expected to graduate behind schedule)	25/13%

Where can I learn more?

- [Office of Postsecondary Readiness – Pathways in Technology Early College HighSchool](#)
- [View all CDE fact sheets](#)